PATENT CLAIMS

1. Elevator with a drive moving an elevator cabin (1) running in an elevator shaft as well as a counterweight (5) in upward and downward directions in effective connection with a cable or flat belt guided over cable sheaves, **characterized in that** said elevator shaft is constructed out of pre-assembled mounting frames (6) as well as of vertical guide elements (3, 4) fixed thereto.

2. Elevator as defined in claim 1, **characterized in that** it has an elevator drive which is arranged within an elevator shaft and lifts and/or lowers an elevator cabin as well as a counterweight in said elevator shaft by at least one bending-flabby means guided over an arrangement of deflection sheaves, wherein said drive is integrated into the arrangement of deflection sheaves as element deflecting said bending-flabby means.

3. Elevator as defined in claim 1, **characterized in that** said driven or freely rotating deflection sheaves required for lifting and lowering said elevator cabin (1) and said counterweight (4) are mounted in said pre-assembled mounting frames (6).

4. Elevator as defined in claim 1 or 2, **characterized in that** said pre-assembled mounting frames (6) are made out of squared sheets.

5. Elevator as defined in one of the preceding claims, **characterized in that** said vertical guide elements (3, 4) are segmented, said segments engaging at a working face (10) like groove and tongue.

6. Elevator as defined in one of the preceding claims, **characterized in that** said working face (10) of said segmented guide elements (3, 4) is disposed in the area of said mounting frames (6), each respective mounting frame (6) serving as connecting element for the respective segments of said guide elements (3, 4).

7. Elevator as defined in one of the preceding claims, **characterized in that** said drive consists of separately driven driving disks.

8. Elevator as defined in one of the preceding claims, **characterized in that** at least two of said cable sheaves (7) can be made rotate by a drive by a full floating axle or hollow shaft.

9. Elevator as defined in one of the preceding claims, **characterized in that** said drive is formed with gear, without gear, as ring engine, as disk engine, as special engine or flat engine.

10. Elevator as defined in one of the preceding claims, **characterized in that** said drive is arranged outside of said elevator shaft formed by said mounting frames (6) as well as said vertical guide elements (3, 4).

11. Elevator as defined in claim 6, **characterized in that** said drive is arranged within said elevator shaft formed by said mounting frames (6) as well as said vertical guide elements (3, 4).

12. Elevator as defined in one of the preceding claims, **characterized in that** on at least one of said mounting frames (6) a regulated cable brake running in mesh with a brake disk (20) fixed to a cable sheave arranged in said mounting frame is arranged.

13. Elevator as defined in one of the preceding claims, **characterized in that** on at least one of said mounting frames (6) an emergency brake coming into engagement with a cable sheave in case of failure of the axis of said cable sheave arranged in said mounting frame.

14. Elevator as defined in one of the preceding claims, **characterized in that** said drive is arranged on the level of a floor or underground floor exit of said elevator shaft.

15. Elevator as defined in one of the claims 1 to 12, **characterized in that** said drive is arranged in a shaft pit in front of said elevator shaft.

16. Elevator as defined in one of the claims 1 to 12, **characterized in that** said drive is arranged on said elevator cabin.

17. Elevator as defined in one of the claims 1 to 12, **characterized in that** said drive is arranged on a counterweight.

18. Elevator as defined in one of the preceding claims, **characterized in that** the bending-flabby means is a flat belt.